

**What is claimed is:**

1           1.    An active-matrix organic light emitting diode  
2 display, comprising:

3           a rectangular pixel unit, having an indium tin oxide  
4           region disposed therein having an opening  
5           region disposed therein with rectangular shape.

1           2.    The active-matrix organic light emitting diode  
2 display as claimed in claim 1, wherein the rectangular  
3 pixel unit further has a capacitor region, a first TFT  
4 region and a second TFT region, wherein the capacitor  
5 region, the first TFT region and the second TFT region  
6 are arranged in a hoof shape.

1           3.    The active-matrix organic light emitting diode  
2 display as claimed in claim 1, wherein the rectangular  
3 pixel unit further has a capacitor region, a first TFT  
4 region and a second TFT region, wherein the capacitor  
5 region, the first TFT region and the second TFT region  
6 are arranged in an L shape.

1           4.    The active-matrix organic light emitting diode  
2 display as claimed in claim 1, wherein the indium tin  
3 oxide region further has an isolation region enclosing  
4 the opening region.

1           5.    The active-matrix organic light emitting diode  
2 display as claimed in claim 4, wherein the isolation  
3 region comprises silicon nitride.

1           6.    The active-matrix organic light emitting diode  
2 display as claimed in claim 1, wherein the opening region  
3 has an organic illuminating material layer and an indium  
4 tin oxide layer contacted thereto.

1           7.    The active-matrix organic light emitting diode  
2 display as claimed in claim 6, wherein the rectangular  
3 pixel unit further has a metal layer on the surface  
4 thereof contacting the organic illuminating material  
5 layer.

1           8.    The active-matrix organic light emitting diode  
2 display as claimed in claim 7, wherein the metal layer is  
3 aluminum.